

**VIRGINIA DEPARTMENT OF FORENSIC SCIENCE
DNA DATA BANK STR PEER REVIEW FORM**

Analyst _____

Gel Image # _____

YES NO

WORKSHEETS

- | | | | |
|----|-----|-----|---|
| 1. | ___ | ___ | Do the gel image number and analyst's initials appear on all pages? |
| 2. | ___ | ___ | Are all lot numbers filled in and photos labeled appropriately? |
| 3. | ___ | ___ | Have all "witness" blanks been filled in appropriately? |
| 4. | ___ | ___ | Are the worksheets properly utilized? |

SUPPORTING DOCUMENTATION

- | | | | |
|-----|-----|-----|--|
| 5. | ___ | ___ | Are all gel images properly labeled (headers)? |
| 6. | ___ | ___ | Do the gel images demonstrate that the color separation has been correctly applied to prevent bleed through? |
| 7. | ___ | ___ | Do the analyst's 3 color separated and scanned images exist? |
| 8. | ___ | ___ | Do the analyst's initials appear on all gel images? |
| 9. | ___ | ___ | Do all the required controls (random sample, reagent blank, ladders, K562 cell line, and negative amplification control) appear on the typing gel and did they work correctly? |
| 10. | ___ | ___ | Has the random sample been searched and verified? |
| 11. | ___ | ___ | Have microvariants/off-ladder variants been called correctly? |

STaRCall SPREADSHEET

- | | | | |
|-----|-----|-----|---|
| 12. | ___ | ___ | Do the lookup tables and both the first and second sizing sheets exist? |
| 13. | ___ | ___ | Have both lookup tables and STaRCall sizing sheets been initialed by the appropriate sizer? |
| 14. | ___ | ___ | Do all sizings agree for first and second sizer? |
| 15. | ___ | ___ | Are lanes properly labeled with CODIS headers and CODIS gel number? |
| 16. | ___ | ___ | Does the DNA sample number on the extraction sheet agree with the DNA sample number on the landscape sheet? |
| 17. | ___ | ___ | Have all manual changes to the STaRCall sheets been initialed? |

Comments: _____

Reviewer's Signature _____

Date of Review _____